

Claims

- [c1] An attachment section for an internal spinning system comprising:
- a front portion;
 - a flange extending outwardly from said front portion in a substantially perpendicular manner;
 - at least one bearing rotatably coupled to said flange in a substantially parallel manner such that said at least one bearing defines a roll support surface substantially perpendicular to said front portion; and
 - a back portion adapted to couple to a wheel, said back portion opposing said front portion, wherein said back portion and said front portion define a plurality of bolt holes.
- [c2] The attachment section of claim 1, wherein said at least one bearing further comprises at least one groove substantially defining said roll support adapted to receive an opposing roll surface of a spinning section for an internal spinning system.
- [c3] The attachment section of claim 1 further comprising a plurality of ports for supporting a plurality of roll pins on which said at least one bearing is adapted to roll.

- [c4] The attachment section of claim 1, wherein said at least one bearing is adapted to roll at least one of clockwise or counterclockwise or both clockwise and counterclockwise.
- [c5] The attachment section of claim 1, wherein said at least one bearing comprises at least one of a plurality of bearings or a ring bearing.
- [c6] A spinning section for an internal spinning system positioned between an external portion of a rim and a rotor comprising:
a front portion;
a back portion opposing said front portion;
a common external edge between said front portion and said back portion, said external edge comprising an ornamental spinning portion; and
a substantially circular common internal edge comprising a roll surface.
- [c7] The spinning section of claim 6, wherein said roll surface comprises a noise dampener covering at least a portion of said roll surface, wherein said noise dampener comprises rubber or plastic or a combination thereof.
- [c8] The spinning section of claim 6, wherein said common internal edge rotatably couples to the rim or to an at-

tachment section coupled to the rotor.

[c9] The spinning section of claim 6 further comprising at least one rotation inhibitor.

[c10] An internal spinning system for a wheel including a rotor and a rim comprising:

an annular attachment section comprising a first front portion and a first back portion, a flange extending outwardly from said first front portion and away from the rotor in a substantially perpendicular manner, wherein said first front portion and said first back portion define an opening receiving at least a portion of the wheel,

wherein said first front portion and said first back portion further define a plurality of bolt holes, whereby said annular attachment section bolts to the wheel;

an annular spinning section rotatably coupled to said attachment section, said spinning section comprising a second front portion, a second back portion opposing said second front portion, a common external edge between said second front portion and said second back portion, said external edge comprising an ornamental spinning portion, and a substantially circular common internal edge;

a plurality of bearings coupled to at least one of said annular attachment section or said annular spinning section, wherein said annular spinning section rotates as a

function of rotation of said plurality of bearings such that said annular spinning section is visible through openings in the rim.

- [c11] The system of claim 10, wherein said plurality of bearings are coupled to said flange and extend outwardly therefrom in a substantially parallel manner.
- [c12] The system of claim 10, wherein said substantially circular common internal edge further comprising a roll surface.
- [c13] The annular spinning section of claim 12, wherein said roll surface comprises a noise dampener covering at least a portion of said roll surface.
- [c14] The annular spinning section of claim 12, wherein said noise dampener comprises rubber or plastic or a combination thereof.
- [c15] The system of claim 10, wherein said wheel further comprises an antitheft rim, such that removal of said annular attachment section is inhibited.
- [c16] The system of claim 10, wherein said attachment section further comprises a roll surface.
- [c17] The system of claim 16, wherein said attachment section further comprises a noise dampener for said roll surface.

- [c18] The system of claim 17, wherein said noise dampener comprises rubber or plastic or a combination thereof.
- [c19] The system of claim 10, wherein said annular spinning section comprises polished aluminum, chrome or a powder coating.
- [c20] The system of claim 10, wherein said annular attachment section comprises a substantially thin cross section.